

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.: **1-4, 6, 7, 13-18, 24-26, 30-33**
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 98 54827 A (SEMI-TECH DESIGN INC.) 3 December 1998 (1998-12-03)</p> <p>figures 1A-3A,,11-13 ---</p>	1,6,7, 13,14, 16,17, 19,20, 24-26
X	<p>US 5 721 483 A (MADHAV V.KOLLURI ET AL.) 24 February 1998 (1998-02-24)</p> <p>abstract figure 2 column 2, line 20 – line 42 column 3, line 20 – line 26 ---</p>	1-4,6, 15,24
X	<p>US 4 857 822 A (WOJCIECH A.TABISZ ET AL.) 15 August 1989 (1989-08-15)</p> <p>abstract figures 25,26 column 1, line 56 – line 58 column 4, line 5 – line 11 column 5, line 56 – line 58 column 7, line 18 – line 21 column 7, line 56 – line 60 column 11, line 12 – line 23 column 15, line 8 – line 44 ---</p>	1,2,15, 18,30-33



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	J.A.COBOS: "SELF driven Synchronous Rectification in Resonant Topologies: Forward ZVS-MRC, Forward ZCS-QRC and LCC-PRC." 1992 INTERNATIONAL CONFERENCE ON INDUSTRIAL ELECTRONICS, CONTROL, INSTRUMENTATION AND AUTOMATION, vol. 1, pages 185-190, XP000368953 San Diego, US figures 2,5-7 ---	1,2,15, 18,30-33
X	A.VITHANAGE ET AL.: "150W board mounted power supply module using highly compact and efficient synchronous rectifiers" IEEE, pages 177-183, XP000873665 figures 5,7,8 ---	1,6,7,24
Y	US 5 920 475 A (JEFFREY L.BOYLAN ET AL.) 6 July 1999 (1999-07-06) figure 8 ---	2
Y	FR 2 608 857 A (SODILEC) 24 June 1988 (1988-06-24) abstract figures 1,2 ---	2
A	US 4 922 404 A (GERALD W. LUDWIG ET AL.) 1 May 1990 (1990-05-01) abstract figure 1 column 2, line 51 -column 3, line 6 column 4, line 54 - line 58 column 5, line 22 - line 26 ---	18,30-33

Patent Family Annex

Information on patent family members

International Application No

PCT/US 00/27897

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
WO 9854827	A 03-12-1998	US 6055170 A	25-04-2000	AU 7608498 A	30-12-1998
		DE 19882461 T	06-07-2000		
US 5721483	A 24-02-1998	US 5905368 A	18-05-1999		
US 4857822	A 15-08-1989	US 4841220 A	20-06-1989	US 4860184 A	22-08-1989
US 5920475	A 06-07-1999	US 6038154 A	14-03-2000	EP 0741447 A	06-11-1996
		US 5956245 A	21-09-1999		
FR 2608857	A 24-06-1988	NONE			
US 4922404	A 01-05-1990	NONE			